

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	497	((562/4) or (568/558) or (568/560)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 10:21
L2	20043	mixed near2 anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:21
L3	150554	(hydrogen near2 peroxide) or hydroperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:22
L4	7	I1 and I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 10:22

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19	((("1133727") or ("3718675") or ("6610880") or ("3835203") or ("3819688")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/30 09:52
L2	20043	mixed near2 anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:52
L3	150554	(hydrogen near2 peroxide) or hydroperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:53
L4	3348	I2 and I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:53
L5	20006	peracid or (peroxy near2 acid) or diacylperoxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:54
L6	730	I4 and I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:54
L7	211	I2 same I3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:55
L8	45	I6 and I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/30 09:55

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 6 SEP 27 STANDARDS will no longer be available on STN
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN
NEWS 8 OCT 28 KOREAPAT now available on STN
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current
search transcripts to be affected by CERAB, COMPUAB, ELCOM,
and SOLIDSTATE reloads

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP);
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:13:48 ON 30 NOV 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:14:01 ON 30 NOV 2004

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provided by InfoChem.

STRUCTURE FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8
DICTIONARY FILE UPDATES: 28 NOV 2004 HIGHEST RN 790189-55-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Program Files\Stnexp\Queries\616007a.str



chain nodes :

1 2 3 4 5 6 7 8

chain bonds :

1-2 2-3 2-4 4-5 5-6 5-7 7-8

exact/norm bonds :

2-3 2-4 4-5 5-6 5-7 7-8

exact bonds :

1-2

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

L1 STRUCTURE UPLOADED

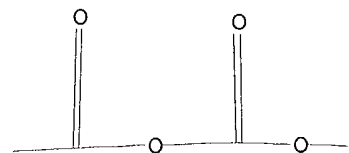
=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR



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Structure attributes must be viewed using STN Express query preparation.
L2 QUE L1

=> s 12
SAMPLE SEARCH INITIATED 10:14:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 451 TO ITERATE

100.0% PROCESSED 451 ITERATIONS 33 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 7746 TO 10294
PROJECTED ANSWERS: 316 TO 1004

L3 33 SEA SSS SAM L1

=> s 12 ful
FULL SEARCH INITIATED 10:14:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8849 TO ITERATE

100.0% PROCESSED 8849 ITERATIONS 950 ANSWERS
SEARCH TIME: 00.00.01

L4 950 SEA SSS FUL L1

=> file caplu		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	155.42	155.63

FILE 'CAPLUS' ENTERED AT 10:14:37 ON 30 NOV 2004
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FILE COVERS 1907 - 30 Nov 2004 VOL 141 ISS 23
FILE LAST UPDATED: 28 Nov 2004 (20041128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14
L5 661 L4

=> s 14 and (peroxy acid or peracid or diacylperoxide)
661 L4

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14625 PEROXY
3905326 ACID
1121 PEROXY ACID
(PEROXY(W)ACID)

2215 PERACID

16 DIACYLPEROXIDE

L6 2 L4 AND (PEROXY ACID OR PERACID OR DIACYLPEROXIDE)

=> dup rem l6

PROCESSING COMPLETED FOR L6

L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 1-2 bib fhitr

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:283922 CAPLUS

DN 134:295413

TI Process for preparing peroxides using mixed anhydrides

IN Overkamp, Johannes Willibrordus Antonius; Tammer, Marinus Catharinus; De
Vries, Bernhard; Bovenkamp-Bouwman, Anne Gerdine

PA Akzo Nobel N.V., Neth.

SO PCT Int. Appl., 40 pp.

CODEN: PIXXD2

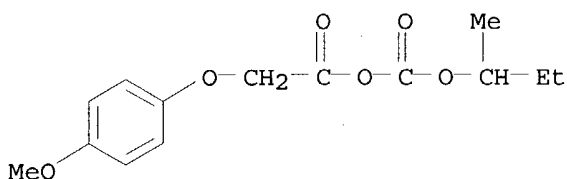
DT Patent

LA English

FAN.CNT 1

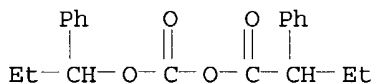
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001027078	A1	20010419	WO 2000-EP9927	20001009
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1220837	A1	20020710	EP 2000-966146	20001009
	EP 1220837	B1	20040818		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	JP 2003511440	T2	20030325	JP 2001-530099	20001009
	US 6610880	B1	20030826	US 2000-686785	20001011
	US 2004049070	A1	20040311	US 2003-616007	20030709
PRAI	EP 1999-203364	A	19991013		
	US 1999-171409P	P	19991221		
	WO 2000-EP9927	W	20001009		
	US 2000-686785	A3	20001011		
OS	CASREACT 134:295413; MARPAT 134:295413				
IT	334513-47-2				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(process for preparing peroxides using mixed anhydrides)				
RN	334513-47-2 CAPLUS				
CN	Acetic acid, (4-methoxyphenoxy)-, anhydride with 1-methylpropyl hydrogen carbonate (9CI) (CA INDEX NAME)				

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RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:3467 CAPLUS
DN 78:3467
TI Reactions of m-chloroperoxybenzoic and p-nitroperoxybenzoic acids with
carboxylic acid chlorides. Decomposition mechanisms of
p-nitrobenzoyl-2-phenylbutanoyl peroxide
AU Nicolas, Louisette; Beugelmans-Verrier, Michele; Vilkas, Michel
CS Lab. Chim. Org. Biol., Univ. Paris-Sud, Orsay, Fr.
SO Bulletin de la Societe Chimique de France (1972), (7), 2732-43
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA French
IT 39651-66-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and decomposition of)
RN 39651-66-6 CAPLUS
CN Benzeneacetic acid, α -ethyl-, anhydride with 1-phenylpropyl hydrogen
carbonate (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 10:13:48 ON 30 NOV 2004)

FILE 'REGISTRY' ENTERED AT 10:14:01 ON 30 NOV 2004

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 33 S L2
L4 950 S L2 FUL

FILE 'CAPLUS' ENTERED AT 10:14:37 ON 30 NOV 2004

L5 661 S L4
L6 2 S L4 AND (PEROXY ACID OR PERACID OR DIACYLPEROXIDE)
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> s 17 and (hydroperoxide or hydrogen peroxide)

L8 2 S L7
30790 HYDROPEROXIDE
847063 HYDROGEN
186355 PEROXIDE
96793 HYDROGEN PEROXIDE
(HYDROGEN(W) PEROXIDE)

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L9 1 L8 AND (HYDROPEROXIDE OR HYDROGEN PEROXIDE)

=> d ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

TI Process for preparing peroxides using mixed anhydrides

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.79

177.42

STN INTERNATIONAL LOGOFF AT 10:17:39 ON 30 NOV 2004